

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 1 | ("4489390").PN. | USPAT | OR | OFF | 2007/07/17 13:50 |
| L2 | 1 | (weight\$3 same average) same (linear near3 spatial near2 filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/17 14:19 |
| L3 | 1 | ("6067125").PN. | USPAT | OR | OFF | 2007/07/17 13:53 |
| L4 | 62 | (audio noise sound auditory) same (linear near3 spatial near2 filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/17 14:21 |
| L5 | 1 | (audio sound auditory) same (linear near3 spatial near2 filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/17 14:21 |
| S1 | 1016 | (381/98).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:35 |
| S2 | 7 | sarpeshkar.in. and (distribut\$3 same gain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:30 |
| S3 | 3 | turicchia.in. and (distribut\$3 same gain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 15:24 |
| S4 | 0 | williamson.in. and (cochlear same octave) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 15:25 |
| S5 | 2 | williams\$3 and (cochlear same octave) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 15:26 |
| S6 | 0 | williamsen.in. and octave and cochlea\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 15:29 |

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| S7 | 2 | williamson.in. and octave and cochlea\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 15:29 |
| S8 | 69 | ("5027410").URPN. | USPAT | OR | OFF | 2007/07/13 15:32 |
| S9 | 24 | ("20020147595" "3978287" "4433604" "4516259" "4536844" "4812996" "4920508" "5027410" "5054085" "5099738" "5119711" "5142961" "5187776" "5381512" "5402493" "5473759" "5502663" "5675778" "5732189" "5792971" "5983139" "6137349" "6140809" "6513004").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/13 16:10 |
| S10 | 4 | (("5473759") or ("6231604") or ("4633501") or ("20050141733")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/16 12:00 |
| S11 | 7 | sarpeshkar.in. and (distribut\$3 same gain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 10:37 |
| S12 | 1 | S11 and (resonant same gain) and (linear with spatial with filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 14:46 |
| S13 | 716 | (381/314,320,330).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:38 |
| S14 | 837 | (704/500).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:38 |
| S15 | 363 | (704/200.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:38 |
| S16 | 102 | (607/56).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:38 |

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| S17 | 114 | (381/316).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:38 |
| S18 | 655 | (381/61).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/13 16:38 |
| S19 | 13 | ("5473759").URPN. | USPAT | OR | OFF | 2007/07/13 16:47 |
| S20 | 51 | ("3180936" "3403224" "3509558" "3571529" "3784749" "3803357" "3855423" "3872290" "3894195" "3927279" "3989897" "3989904" "4025721" "4051331" "4061875" "4071695" "4079334" "4099035" "4112254" "4169219" "4185168" "4187413" "4188667" "4249042" "4297527" "4366349" "4396806" "4409435" "4425481" "4454609" "4508940" "4548082" "4622440" "4628529" "4630304" "4630305" "4661981" "4696044" "4700361" "4701953" "4723294" "4731850" "4747143" "4783818" "4791672" "4792977" "4852175" "4887299").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/13 16:48 |
| S21 | 69 | ("5027410").URPN. | USPAT | OR | OFF | 2007/07/16 14:40 |
| S22 | 2 | sarpeshkar.in. and (distribut\$3 same gain) and (multi-frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 11:48 |
| S23 | 1 | sarpeshkar.in. and (distribut\$3 same gain) and (multi-frequency) and non-linear | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 13:31 |
| S24 | 7 | (("5473759") or ("6231604") or ("4633501") or ("20050141733") or ("7076315") or ("4536844") or ("5473759") or ("5027410")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/16 12:00 |
| S25 | 4 | S24 and (non-linear nonlinear) | US-PGPUB; USPAT | OR | OFF | 2007/07/16 13:54 |

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| S26 | 1 | sarpeshkar.in. and (distribut\$3 same gain) and (multi-frequency) and non-linear and nonlinear | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 13:55 |
| S27 | 1 | sarpeshkar.in. and (distribut\$3 same gain) and (multi-frequency) and non-linear and nonlinear and double | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 13:53 |
| S28 | 7 | (("5473759") or ("6231604") or ("4633501") or ("20050141733") or ("7076315") or ("4536844") or ("5473759") or ("5027410")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/16 13:55 |
| S29 | 6 | S28 and cochlear | US-PGPUB; USPAT | OR | OFF | 2007/07/16 14:01 |
| S30 | 1 | sarpeshkar.in. and (distribut\$3 same gain) and (multi-frequency) and non-linear and nonlinear and electromagnetic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 13:56 |
| S31 | 0 | S28 and electromagnetic | US-PGPUB; USPAT | OR | OFF | 2007/07/16 13:57 |
| S32 | 0 | S28 and "EM" | US-PGPUB; USPAT | OR | OFF | 2007/07/16 13:58 |
| S33 | 6020 | (cochlea\$1) andf (linear near3 spatial near2 filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 15:36 |
| S34 | 1 | (cochlea\$1) and (linear near3 spatial near2 filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 14:00 |
| S35 | 1 | (weight\$3 with average) same (linear near3 spatial near2 filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/17 11:50 |
| S36 | 3 | S28 and average | US-PGPUB; USPAT | OR | OFF | 2007/07/16 14:01 |
| S38 | 12 | average same (linear near3 spatial near2 filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 14:08 |

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| S39 | 19 | average same (linear with (spatial near2 filter\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 14:09 |
| S40 | 6 | (linear with (spatial near2 filter\$3)) same (audio sound auditory) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 14:09 |
| S41 | 69 | ("5027410").URPN. | USPAT | OR | OFF | 2007/07/16 14:41 |
| S42 | 7 | S41 and electromagnetic | USPAT | OR | OFF | 2007/07/16 14:41 |
| S43 | 7 | sarpeshkar.in. and (distribut\$3 same gain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 14:46 |
| S44 | 1 | S43 and (resonant same gain) and (linear same spatial same filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 14:47 |
| S45 | 1 | S43 and (resonant same gain) and (spatial same filter\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 15:06 |
| S46 | 1 | S43 and (resonant same gain) and (spatial same filter\$3) and (unity one) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 15:07 |
| S47 | 1 | S43 and (resonant same gain) and (spatial same filter\$3) and (unity same different\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 15:07 |
| S48 | 2 | (cochlea\$1) and ((multi-frequency multifrequency) near2 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 16:19 |
| S49 | 5 | (distribut\$2 near3 gain) same cochlea\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 16:33 |

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| S50 | 25 | ("4532930" "4592359" "4628934" "4729366" "4947844" "5000194" "5105811" "5443493" "5470348" "5571148" "5601617" "5603726" "5649970" "5775172" "5814095" "5833714" "5957958" "6002966" "6011993" "6067474" "6217508" "6236889" "6289247" "6355064" "6473653").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/16 16:20 |
| S51 | 2 | ("6826430").URPN.. | USPAT | OR | OFF | 2007/07/16 16:22 |
| S52 | 30 | ("20030036782" "20030044034" "20030167077" "20030171786" "20040073275" "20040082980" "20040082985" "20040114776" "20040136556" "20040172101" "20040230254" "20050137650" "20050137651" "4532930" "4793353" "4819647" "5749912" "5991663" "6129753" "6154678" "6216045" "6219580" "6289247" "6308101" "6600955" "6728578" "6745155" "6775389" "6778858" "6826430").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/16 16:23 |
| S53 | 1693 | (distribut\$2 near3 gain) and cochlea\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 16:28 |
| S54 | 7 | (distribut\$2 near3 gain) and cochlea\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 16:28 |
| S55 | 7 | (distribut\$2 near3 (compression amplitdue gain)) same (cochlear cochlea) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/16 16:34 |
| S56 | 8 | ("4207441" "4357497" "5603726" "5749912" "6219580" "6289247" "6308101" "6505076").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/16 16:34 |
| S57 | 1 | (weight\$3 near2 average) with ((non-linear nonlinear) near2 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/07/17 13:19 |